

## CWA Section 401 Water Quality Certification Program

August 2005

**ACTION SUMMARY**

Region	No. of <sup>1</sup> Projects	Standard Certs	Conditional Certs	Certs Denied	WDR's Used	WDR's Wvd	WDR's Wvd <sup>2</sup> Cond'ly	Notif's <sup>3</sup>	Enforcem't Actions
1	6	0	6	0	0	0	0	0	0
2	13	2	10	0	0	0	0	0	0
3	8	5	3	0	0	0	0	0	0
4	7	0	7	0	0	0	0	0	0
5F	3	2	0	0	0	0	0	0	1
5R	17	0	16	0	0	0	0	1	0
5S	12	0	12	0	0	0	0	0	0
6T	3	2	1	0	0	0	0	0	0
6V	0	0	0	0	0	0	0	0	0
7	1	0	0	0	0	0	0	1	0
8	12	6	6	0	0	0	0	0	0
9	5	1	4	0	0	3	0	0	0
SB	0	0	0	0	0	0	0	0	0
<b>Total</b>	<b>87</b>	<b>18</b>	<b>65</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>1</b>

1. Some projects may be regulated under both individual CWA section 401 and Porter-Cologne permits.

2. "WDRs Waived Conditionally" column indicates waivers in connection with which RWQCB staff has imposed substantive project-specific requirements. Technically, all WDR waivers are conditional in that (1) the discharge must comply with the restrictive criteria in the RWQCB's waiver policy, (2) the discharge must comply with the applicant's description, and (3) the waiver may be withdrawn at any time.

3. "Notifications" received, as required by SWRCB certification conditions for NWP's and other general permits.

## CWA Section 401 Water Quality Certification Program

August 2005

**401 ACTIONS**

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP	FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
<b>REGION 1</b>											
1 (MULT)	CALTRANS, DIST 1	HIGHWAY 101 CULVERT REHABILITATION, HUMBOLDT & DEL NORTE CO. REPAIR DROP INLETS, HEADWALLS, DOWNDRAINS, & OUTLET STRUCTURES	SAVAGE CK & TRIBS, UNNAMED	3 14 33	STRE 0.16 CHNL 150	STRE 0.15 CHNL 100			8/1/2005	CONDCERT	WDID 1B05043WNHU. USACOE FILE: 295530N. TRRD.
114.21	BERTOLERO, TONI	COTATI CK BYPASS PROJECT. CONSTRUCT CONCRETE BOX CULVERT	COTATI CK	12	STRE 0.04 CHNL 35	STRE 0.03 CHNL 35	REST 0.06		8/4/2005	CONDCERT	WDID 1B05015WNSO. USACOE FILE: 29409N. COMP: REST 0.06 AC N & S COTATI CK BANKS BY PLANTING TREES & VEGETATION. TRRD.
105.36	WAITE, SCOTT	COTTONWOOD CK BRIDGE REPLACEMENT, SISKIYOU CO.	COTTONWOOD CK	14	RIPA 0.074 CHNL 244	RIPA 0.07 CHNL 119			8/9/2005	CONDCERT	WDID 1A05025WNSI. USACOE FILE: 27483N. MITI: REPLANT NATIVE SPECIES RIPARIAN VEGETATION AT 3:1. TRBR.
114.25	CALTRANS, DIST 4	REPLACE MAACAMA & REDWOOD CK BRIDGES, SONOMA CO.	MAACAMA CK & REDWOOD CK	14 33	WETL 0.0011 STRE 0.616	STRE 0.58	CREA 0.0023		8/19/2005	CONDCERT	WDID 1B03136WNSO. USACOE FILE: 26565N & 26566N. COMP: CREA 0.0023 AC OF WETLAND; ESTABLISH 2.95 AC UPLAND CONSERVATION EASEMENT; PLANT 398 TREES AT MAACAMA CK & REDWOOD CK SITES. TRBR.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
144.22	KAISER FOUNDATION	KAISER MEDICAL OFFICE BUILDING #5 PROJECT, SONOMA CO. CONSTRUCT MEDICAL FACILITY & INFRASTRUCTURE	PINER CK	IP	STRE 0.88	CREA 0.88 PRSV 0.88	8/23/2005	CONDCERT	WDID 1B0517WNSO. USACOE FILE: 22416N. COMP: PURCHASE OF 0.88 AC CREA CREDITS & 0.88 AC PRSV CREDITS. URBA.
114.22	SANTA ROSA, CITY PARKS & RECREATIN	FOUNTAINGROVE CMTY PARK, PHASE 1, SONOMA CO.	SEASONAL WETLAND & RUSSIAN R	39	WETL 0.05	CREA 0.09	8/25/2005	CONDCERT	WDID 1B03070WNSO. COMP: CREA 0.09 AC WETLANDS. RECR.

## REGION 2

2	MOUNTAIN VIEW CITY, DPW	CONTRUCT GOLF CART BRIDGE OVER PERMANENTE CK, SANTA CLARA CO.	PERMANENTE CK		STRE 0.003		8/3/2005	STDCRT	USACOE FILE: 27559S. GOLF.
2	PORT OF OAKLAND	STRENGTHEN EMBANKMENT & WHARF, DEEPEN BERTHS 23-26, 30, 67-68 (CERTMOD)	SF BAY	IP	OCEA 0.0103 DRDG 289.3		8/3/2005	CONDCERT	CERTMOD: ORIG CERT DATE 10/26/04. 8/3/05 MOD, WILL REUSE DEEPENING MATERIAL FROM BERTHS 22-30 WITHIN STATE WATERS AT THE OAKLAND MIDDLE HARBOR ENHANCEMENT AREA. BOAT. CHSTBL.
2	MARIN CO, FCWCD	VERIZON BANK REPAIR, MARIN CO. PLACE RIPRAP BEHIND SACKRETE WALL TO FILL EXISTING VOID	NOVATO CK (38.107 N, 122.5776 W)	13	CHNL 4400		8/5/2005	CONDCERT	40 CY OF FILL WILL BE USED. CHSTBL.
2	BARTLETT, ROBIN	EROSION REPAIRS ON S SAN RAMON CK, CONTRA COSTA CO. RECONSTRUCT EMBANKMENT & PLACE RIPRAP	SAN RAMON CK	13	RIPA 0.11		8/5/2005	CONDCERT	MITI: RE-PLANT NATIVE GRASSES & TREES. 777 CY RIP RAP WILL BE USED. CHSTBL.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
2	SAN PABLO, CITY	SAN PABLO'S 2005 ROUTINE CK MAINTENANCE PROJECT, CONTRA COSTA CO.	SAN PABLO, WILDCAT, & RHEEM CKS		STRE 0.001	CHNL 10		8/9/2005	CONDCERT	10 LF OF BOULDERS WILL BE PLACED. CHFC.
207.00	TESORO REFINING & MARKETING CMPY	AMORCO WHARF FENDER MAINTENANCE PROJECT, CONTRA COSTA CO. REPAIR & MAINTAIN EXISTING BERTHING DOLPHINS	CARQUINEZ STRAIT	3	STRE 0.07			8/9/2005	STDCRT	34 CY OF FILL WILL BE USED. BOAT.
2	SAN LEANDRO CITY, ENGINEERING & TRANSPORTATION	BAY TRAIL BUNKER MARSH SHORELINE LEVEE REPAIRS PROJECT, ALAMEDA CO.	BAY TRAIL & BUNKER MARSH	3	STRE 0.085	CHNL 470		8/10/2005	CONDCERT	195 CY OF RIPRAP WILL WE USED ON BANKS OF LEVEE. CHFC.
2	SF PUBLIC UTILITIES COMMISSION	CRYSTAL SPRINGS/SAN ANDREAS FORCE MAIN DRAINAGE PIPE REPAIR & TEMPORARY PIPE SUPPORT PROJECT, MILLBRAE, SAN MATEO CO. REPLACE CULVERT & REST BANK	CRYSTAL SPRINGS RSVR. TRIB, UNNAMED	3	STRE 0.001	CHNL 40		8/16/2005	CONDCERT	ASSUMED 40 LF EQUALLED 0.001 AC OF STREAMBED FILL. IN ADDITION, CULVERT REPLACEMENT ADDED 150 CY OF STREAMBED FILL. CHSTBL. TRRD.
2	MARIN RCD	HABITAT REST OF SAN GERONIMO CK, SAN GERONIMO GOLF COURSE & SPRIT ROCK, MARIN CO-RIPARIAN REST TO IMPROVE SALMONID HABITAT	SAN GERONIMO CK & UNNAMED TRIB		RIPA 0.25	CHNL 1350		8/17/2005	CONDCERT	BIO-REMEDICATION OF ERODED BANKS ON TWO SITES TO IMPROVE SALMONID HABITAT. REST. CHSTBL.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
2	ALAMEDA FCWCD	SAN LORENZO CK ZONE 2 LINE B, REST & TRAIL IMPROVE PROJECT, HAYWARD, ALAMEDA CO. CONSTRUCT TRAIL, OUTFALL STRUCTURE , BANK EROSION & NATIVE PLANTINGS	SULFUR CK & SAN LORENZO CK (37.6777 N, 122.0819 W)	7 13 33	RIPA 0.009	RIPA 0.0017 CHNL 750		8/17/2005	CONDCERT	USACOE FILE: 29623S. CHSTBL. OUTF. RECR.
206.10	LENNAR MARE ISLAND LLC	FARRAGUT VILLAGE UNIT 1-6A STORM DRAIN OUTFALL, CITY OF VALLEJO, SOLANO CO.	WETLAND, UNNAMED (38.0917 N, 122.2728 W)		WETL 0.0078			8/18/2005	CONDCERT	USACOE FILE: 26779N. WILL USE 31 CY OF FILL. OUTF.
207.23	MILLER-SORG GROUP, INC.	LA VITA E BELLA PROJECT, SOLANO CO - RES DEV ON 13 AC	GREEN VAL CK (38.3214 N, 122.1391 W)	39	WETL 0.049 STRE 0.05 CHNL 161		CREA 0.23	8/23/2005	CONDCERT	USACOE FILE: 27795N. COMP: CREA 0.23 AC WETLAND. URBA.
2	MARK SCOTT CONSTRUCTI ON, INC.	DRAINAGE AREA 10 LINE A IMPROVEMENTS, CONRA COSTA CO.	SAN RAMON CK TRIB, UNNAMED	31 33	STRE 0.22 CHNL 550			8/26/2005		CHFC.

### REGION 3

3	SANTA BARBARA CO FCD	ANNUAL ROUTINE FLOOD CONTROL MAINTENANCE PLAN PROJECT, SANTA BARBARA CO.	MULTIPLE STREAMS IN SANTA BARBARA CO	SPL20				8/10/2005	CONDCERT	COMP: 2:1 REPLACEMENT RATIOS FOR PERMANENT IMPACTS TO RIPARIAN & STREAM HABITAT; 3:1 REPLACEMENT RATIO TO PERMANENT IMPACTS TO WETLANDS.
3	SAN MATEO CO, DPW	UPPER GAZOS CK RD CULVERT REPLACE PROJECT, SAN MATEO CO.	GAZOS CK			CHNL 25		8/10/2005	CONDCERT	DISCHARGE AREA LIMITED TO 25 LF. CHFC. TRRD.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP	FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
309.00	HARROD BUILDERS	NUMBER 3400507WQ01 FOR THE COOL VALLEY ESTATES (HARROD TRACT 2609) PROJECT, SAN LUIS OBISPO CO. INSTALL CULVERT UNDER NEW STREET	STONE CK, TRIB, UNNAMED (35.6013 N, 120.6521 W)	39	WETL 0.4 STRE 0.01			CREA 0.3 REST 0.43	8/12/2005	STDCRT	COMP: CREA 0.3 AC OF WETLAND & REST 0.43 AC OF RIPARIAN HABITAT. TRRD.
313.00	CLAY PROPERTIES, LLC	PIPE ARCH CULVERT - CAT CYN CK PROJECT, SANTA BARBARA CO. REMOVE RIPRAP & REPLACE CULVERT WITH BOTTOM PIPE ARCH CULVERT	GATO CK (34.812 N, 120.254 W)	14	WETL 0.31 RIPA 0.226 STRE 0.057	WETL 0.17 RIPA 0.14 STRE 0.046		COMP 0.442	8/14/2005	STDCRT	WDID 3420508WQ03. COMP: 0.442 AC WETLAND & STREAMBED. MITI: REST TEMP IMPACTS. TRRD.
3	ENGLISH, MICHAEL	MARQUITA INDUSTRIAL PARK PROJECT, SLO CO.	WATER, UNNAMED		WETL 0.006				8/22/2005	CONDCERT	WDID 3400508WQ01. URBA.
310.00	CA POLYTECHNIC STATE UNIVERSITY	FARM SHOP STORAGE REMOVAL, SLO CO. REMOVE BUILDING, RECONTOUR & REVEGETATE STREAM BANKS	BRIZZOLARI CK (35.3047 N, 120.6614 W)	27	WETL 0.1 RIPA 0.5	WETL 0.1 RIPA 0.5			8/22/2005	STDCRT	WDID 3400508WQ02. WILL EXCAV 3,600 CY. REST.
3 (MULT)	TRACER ES&T	BATTLES PIPELINE REMOVAL, SANTA BARBARA CO.	SAN ANTONIO, STUBBLE, & HARRIS CK (34.7303 N, 120.4442 W)	12	RIPA 0.24 STRE 0.08 DRDG 70	RIPA 0.24 STRE 0.08		REST 0.24	8/22/2005	STDCRT	WDID 3420508WQ03. MULT: 313.00 & 314.00. MITI: REST TEMP IMPACTS TO RIPARIAN HABITAT. UTIL.
316.00	USNPS, CHNL ISLANDS PARK	CONST OF 2 BRIDGES ON SANTA ROSA ISLAND, SANTA BARBARA CO.	CHERRY CYN CK & WINDMILL CK	25	RIPA 0.053 STRE 0.074 DRDG 190	RIPA 0.003 STRE 0.004		REST 0.11	8/22/2005	STDCRT	WDID 3420508WQ02. COMP: REST 0.11 AC WETLANDS. TRBR.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
<b>REGION 4</b>										
402.21	S CA GAS CMPY	L1180 ALISO CK PIPELINE INTEGRITY MAINTENANCE PROJECT, LA CO.	ALISO CK (34.2875 N, 118.54 W)	3	WETL 0.045	WETL 0.045		8/19/200 5	CONDCERT	UTIL.
403.11	VENTURA SD	MCGRATH L WATERSHED/ MCGRATH DRAIN IMPROVEMENT PROJECT, VENTURA CO.	MCGRATH L, UNNAMED TRIB (34.2278 N, 119.2281 W)		STRE 0.33	STRE 0.33		8/19/200 5	CONDCERT	USACOE FILE: 200501133. CHFC.
403.51	LA CO, DWP	CASTAIC POWER PLANT & CASTAIC CK MAINTENANCE PROJECT, LA CO.	CASTAIC CK (34.59 N, 118.66 W)	47	STRE 15	STRE 15		8/26/200 5	CONDCERT	USACOE FILE: 200201534. CHFC.
405.21	BURBANK, CITY	BIRMINGHAM DEBRIS BASIN MAINTENANCE PROJECT, LA CO.	BURBANK WESTERN CHNL (34.2603 N, 118.5316 W)	31	LAKE 0.45 CHNL 200	LAKE 0.45		8/26/200 5	CONDCERT	USACOE FILE: 200501413. CHFC.
405.21	BURBANK, CITY	BIRMINGHAM DEBRIS BASIN MAINTENANCE PROJECT FOR BURBANK LANDFILL. REMOVE SEDIMENT & DEBRIS FROM BIRMINGHAM DEBRIS BASIN (CERTMOD)	BURBANK W CHNL (34.206 N, 118.3232 W)	31	LAKE 0.45 CHNL 200	LAKE 0.45 CHNL 200		8/26/200 5	CONDCERT	USACOE FILE: 200501413. CERTMOD: ORIG CERT DATE 7/15/05. 8/26/05 MOD. CONDITIONS WITHIN CERT WILL BE MODIFIED. CONDITION 13 WILL BE REMOVED BECAUSE THERE WILL BE NO IMPACT TO VEGETATED BANKS. CONDITION 14 THAT ADDRESSES COMPENSATORY MITI WILL BE REMOVED. CHFC.
402.10	SHOCK, ROBERT	STORM DAMAGE REPAIR LOS ENCINAS MOBILE HOME PARK PROJECT, VENTURA CO.	VENTURA R TRIB, CANADA DE LAS ENCINAS (34.3245 N, 119.5871 W)	13	STRE 0.015 CHNL 120			8/26/200 5	CONDCERT	USACOE FILE: 200500785. CHSTBL.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
403.63	BORDIER'S NURSERY, INC	BORDIER'S NURSURY-SEDIMENT EXCAVATION & DRAINAGE REST, VENTURA CO.	ARROYO SANTA ROSA DRAINAGE	33 43	STRE 0.87 CHNL 3786	STRE 0.87 CHNL 3786	REST 0.89	8/30/2005	CONDCERT	USACOE FILE: 200401448. MITI: REST 0.87 AC BY PLANTING NATIVE VEGETATION BANK OF ARROYO SANTA ROSA & 0.02 AC NEAR ARIZONA CROSSING. CHSTBL.

## REGION 5F

5F	CBB CONSTRUCTI ON CMPY, INC	CBB CONSTRUCTION CMPY, INC, FRESNO CO.	LITTLE DRY CK		STRE 0.01			8/1/2005	ENF	NOTICE OF VIOLATION FOR FAILURE TO REPORT DISCHARGE OF FILL TO INSTALL CULVERT. DISCHARGE NO GREATER THAN 0.01 AC. DAM. TRRD.
559.20	CALTRANS, DIST 6	HANS GRIEVE CYN BRIDGE REPAIR PROJECT, FRESNO CO.	COALINGA HOT SPRINGS & KOLINGO CK (36.1004 N, 120.4608 W)	14	STRE 0.042 CHNL 102			8/9/2005	STDCRT	WDID 5B10CR00004. TRBR.
558.10	UNION PACIFIC RR	CROSS CK BRIDGE POST MILE 234.91 REPLACEMENT PROJECT, TULARE CO. REPLACE DECK BRIDGE WITH SLAB GIRDER BRIDGE	CROSS CK (36.4153 N, 119.452 W)	14	STRE 0.171			8/22/2005	STDCRT	TRBR.

## REGION 5R

508.10	WILLIAMS, BOB & CHARLENE	WILLIAMS RANCH TAILWATER RETENTION POND DEMONSTRATION PROJECT, SHASTA CO. CONSTRUCT 0.3 AC POND IN UPLAND SWALE	BASSETT DITCH	40	WETL 0.017			8/1/2005	CONDCERT	WDID 5A45CR00181. AG.
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HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
515.40	MUTZ, HENRY	GREENHEAD POND WETLAND ENHANCEMENT, BUTTE CO. EXCAVATE POTHOLE, ENHANCE LEVEE SIZE, PLANT COTTONWOODS & WILLOWS, INSTALL 3 WATER CONTROL STRUCTURES	HAMILTON CNL	27	WETL 12	WETL 12		8/1/2005	CONDCERT	WDID 5A04CR00093. REST.
504.20	BEASLEY, GARY	BEASLEY RES SUBDIVISION, TEHAMA CO. CONSTRUCT RES UNITS, ROAD, & UTILITIES	REEDS CK TRIB, UNNAMED	39	WETL 0.376		COMP 0.376	8/3/2005	CONDCERT	WDID 5A52CR00043. INLIEU: PAYMENT OF \$33,840 FOR 0.376 AC CREDITS SEASONAL WETLAND HABITAT TO USFWS FOUNDATION. USACOE FILE: 200300220. 2400 CY DREDGE MATERIAL WILL DISCHARGE INTO WATERS OF US. URBA.
515.40	PG&E	PALERMO SUBSTATION EXPANSION PROJECT, BUTTE CO.	WYMAN CK TRIB, UNNAMED	12	WETL 0.026		COMP 0.078	8/4/2005	CONDCERT	WDID 5A04CR00081. USACOE FILE: 200400850. COMP: PURCHASE OF 0.078 AC VERNAL POOL CREDITS FROM DOVE RIDGE MITIB. UTIL.
518.41	GRIZZLY CK DEV, LLC	GRIZZLY CK INTAKE & DISCHARGE PIPES, PLUMAS CO.	GRIZZLY CK	12	WETL 0.0043 RIPA 0.002 STRE 0.0001	WETL 0.004 RIPA 0.002		8/5/2005	CONDCERT	WDID 5A32CR00039. UTIL.
520.40	GLENN CO, PLANNING AND PWD	BUTTE CITY BOAT RAMP, GLENN CO.	SACRAMENTO R		DRDG 1			8/5/2005	CONDCERT	WDID 5A11CR00005. USACOE FILE: 200400344. 1000 CY RIVERBED WILL BE DREDGED. BOAT.
520.40	PG&E	TABLE MOUNTAIN SUBSTATION BAY 4 EXTENSION, BUTTE CO.	COTTONWOOD CK TRIB, UNNAMED	12	WETL 1.573	WETL 1.53	COMP 3.189	8/8/2005	CONDCERT	WDID 5A04CR00086. USACOE FILE: 200500261. COMP: PURCHASE OF 3.189 AC VERNAL POOL CREDITS FROM DOVE RIDGE MITIB. UTIL.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
508.10	ECKELMAN, HARRY	PALACIO ROAD EXTENSION PROJECT, SHASTA CO. CONSTRUCT CULVERTS & ROAD, EXTEND STORM DRAIN	CHURN CK TRIB, UNNAMED	14	WETL 0.305 STRE 0.03		COMP 0.335	8/16/2005	CONDCERT	WDID 5A45CR00180. INLIEU: PAY \$40,520 TO S PACIFIC WETLANDS CONSERVATION FOR LOSS OF 0.335 AC. USACOE FILE: 200300831. TRRD.
5R	CHICO, CITY DPW	NOTI NWP 6 CHICO CITY WATER POLLUTION CONTROL PLANT OUTFALL GEOTECHNICAL INVESTIGATION, BUTTE CO.	SACRAMENTO R (39.6974 N, 121.9416 W)	6	STRE 0.00005	STRE 0.00005		8/16/2005	NOTIF	TWO BORINGS TO 30 FEET EXTRACTING 0.4 CY; MATERIAL TO BE RETURNED TO R BOTTOM. DATA.
507.33	CALTRANS, DIST 2	HWY 299 FOUNTAIN CURVE REALIGNMENT, SHASTA CO.	CEDAR CK TRIBS, UNNAMED	23 33	WETL 0.1207 RIPA 0.008 STRE 0.125		COMP 0.0007	8/16/2005	CONDCERT	WDID 5A45CR00183. COMP: PURCHASE OF WETLAND CREDIT FROM STILLWATER PLAINS MITIB & RIPARIAN CREDITS FROM CDFG BATTLE CK MITIB. TRRD.
518.00	PG&E	REMOVAL OF TULE FROM KUNKLE RSVR, BUTTE CO.	L OROVILLE TRIB, KUNKLE RSVR	3	LAKE 0.38			8/16/2005	CONDCERT	WDID 5A04CR00091. USACOE FILE: 200500327. REMOVE 1,000 CY OF TULES FROM FACE OF DAM. DAM.
504.20	PG&E	ELDER CK L-77 EROSION CONTROL PROJECT, ELDER CK, TEHAMA CO.	ELDER CK (40.0528 N, 122.1995 W)	3	RIPA 0.07 STRE 0.12	STRE 0.1 CHNL 160		8/18/2005	CONDCERT	WDID 5A52CR00049. USACOE FILE: 200500222. NO COMP MITI REQUIRED UNLESS SPECIFIED BY CORPS. ARTICULATING GROUND MAT (120 FT LONG BY 20 FT WIDE) USED TO COVER EXPOSED GAS PIPELINE & PROTECT BANK ALONG ELDER CK. CHSTBL.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
504.2	BLUE TENT PROPERT, LLC	JELLY'S FERRY COMMERCIAL DEVELOPMENT WASTEWATER TREAT POND CONSTRUCTION PROJECT, RED BLUFF, TEHAMA CO.	BLUE TENT CK (40.2375 N, 122.2435 W)	39	STRE 0.05		CHNL 694	8/19/200 5	CONDCERT	WDID 5A52CR00051. USACOE FILE: 200400976. NO COMP MITI REQUIRED UNLESS SPECIFIED BY CORPS. CONSTRUCT TWO SEPTIC TREATMENT PONDS & RE- ROUTE CK AROUND PONDS. ASSUMED STEAMBED WIDTH OF 3 FT & LENGTH OF 694 FT TO OBTAIN 0.05 AC. URBA. UTIL.
508.10	SCHUMACHER , SCOTT	TOWN & COUNTRY COMMERCIAL CENTER - BUNKER STREET PROJECT, SHASTA CO. CONSTRUCT BUILDING, PARKING, WIDEN BUNKER & VICTOR STREET	CHURN CK TRIB, UNNAMED	39	WETL 0.022		COMP 0.022	8/24/200 5	CONDCERT	WDID 5A45CR00164. INLIEU: PAY OF \$1,800 TO USFWS FOUNDATION FOR LOSS OF 0.022 WETLANDS. USACOE FILE: 200500272. URBA.
508.10	REDDING, CITY	SACRAMENTO R FISH SCREEN RETROFIT PROJECT- PUMP HOUSE 1, SHASTA CO.	SACRAMENTO R	3	RIPA 0.005			8/24/200 5	CONDCERT	WDID 5A45CR000182. USACOE FILE: 200500659. OTHER: FISH SCREEN RETROFIT. REST. OTHER.
508.10	KIBLER, BEVERLY	MEMORY PARK RES DEV PROJECT, SHASTA CO.	SACRAMENTO R TRIB, BONNYVIEW DRAIN	39	RIPA 0.092		COMP 0.092	8/24/200 5	CONDCERT	WDID 5A45CR00117. USACOE FILE: 2003819. COMP: PURCHASE 0.092 MITI CREDITS OR PAYMENT OF \$8,740 TO USFWS FOUNDATION. URBA.
508.10	REDDING, CITY	COURT ST WATER MAIN AT SCHLEY AVE, SHASTA CO - REPLACE MAIN	LINDEN CK	14 33	STRE 0.01		CREA 0.09	8/30/200 5	CONDCERT	WDID 5A45CR00184. USACOE FILE: 200500717. MITI: APPLY BMP DURING CONSTRUCTION. UTIL.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
<b>REGION 5S</b>										
544.00	CONTRA COSTA WD	POND K6W REST PROJECT, CONTRA COSTA CO.	KELLOGG CK (38.8279 N, 121.7615 W)	30	WETL 0.2			8/12/2005	CONDCERT	WDID 5B07CR00059. COMP: REST 0.2 AC WETLAND POND. REMOVE 1,000 CY TULE & BIOMASS. REST.
519.22	PG&E	L 119 EROSION CONTROL PROJECT, SACRAMENTO CO.	(39.2667 N, 121.5 W)	12	RIPA 0.05 CHNL 60			8/12/2005	CONDCERT	WDID 5A34CR00235. 75 CY OF FILL WILL BE USED. UTIL.
520.30	USAF, BEALE AIR BASE, 9 CES/CEV	VERNAL POOL REST AT BEALE AIR BASE PROJECT, YUBA CO.	(38.0777 N, 121.425 W)	27		WETL 20.34		8/12/2005	CONDCERT	WDID 5A58CR00027. REST 20.34 AC OF VERNAL POOL & SWALE COMPLEXES. REST.
511.10	SOLANO CO, WATER AGENCY	DRY CK/PUTAH CK CONFLUENCE REST PROJECT, SOLANO CO.	DRY CK (38.525 N, 121.1974 W)	27	RIPA 2 CHNL 100			8/12/2005	CONDCERT	WDID 5A48CR00049. REST 5 AC RIPARIAN HABITAT & 2 AC STREAMBED. 40,000 CY FILL WILL BE USED. REST.
519.21	ALLEN DEV	ACME AC- 25 LOTS PROJECT, SACRAMENTO CO.	(38.665 N, 121.4444 W)	39	WETL 0.09		COMP 0.1	8/12/2005	CONDCERT	WDID 5A34CR00205. COMP: PURCHASE OF 0.1 AC CREDITS OF SEASONAL WETLANDS FROM WILDLANDS INC. 160 CY FILL WILL BE USED. URBA.
511.20	USNRCS	RIDGECUT FARMS MCARAVY BROTHERS HABITAT REST PROJECT, YOLO CO.	SACRAMENTO R (38.8667 N, 121.9167 W)	27	WETL 1904 RIPA 200	WETL 429		8/12/2005	CONDCERT	WDID 5A57CR00037. REST 2,625 AC WETLANDS & 250 AC RIPARIAN. REST.
519.22	CDPR	L CLEMENTINE BOAT DOCK REPLACEMENT PROJECT, PLACER CO.	AMERICAN R (38.9311 N, 121.0197 W)	3 36 42	LAKE 0.006			8/12/2005	CONDCERT	WDID 5A31CR00136. 18 CY OF CONCRETE FILL WILL BE USED. BOAT.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP	FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
544.00	CONTRA COSTA WD	HOMESTEAD TRAIL CULVERT PROJECT, CONTRA COSTA CO-INSTALL CULVERT & ROADBED TO IMPROVE TRAIL & REDUCE BANK EROSION & SILTATION	KELLOGG CK (39.3666 N, 122.3 W)	14	STRE	0.015			8/19/2005	CONDCERT	WDID 5B07CR00061. NO COMP MITI REQUIRED. USED 20 CY OF FILL. CHSTBL. RECR.
519.11	GREEN, SCOTT	GREEN FARM PROJECT, SACRAMENTO CO. INSTALL ROAD CROSSING	BADGER CK, N FK (38.3913 N, 121.2236 W)	14	STRE	0.0001			8/19/2005	CONDCERT	WDID 5A34CR00240. NO COMP MITI REQUIRED. USED 10CY OF FILL. TRRD.
512.23	GALLO VINEYARDS, INC.	GALLO VINEYARDS-SUN LAKE RANCH PROJECT, NAPA CO. INSTALL BRIDGE & CULVERT	POPE CK (38.6389 N, 121.4558 W)	18	STRE	0.002	CHNL 10		8/19/2005	CONDCERT	WDID 5A28CR00004. NO COMP MITI REQUIRED. USED 6.4 CY OF FILL. TRBR. TRRD.
511.10	RIO VISTA, CITY	RIO VISTA PERIMETER ROAD WIDENING PROJECT, SOLANO CO-REMOVE & REPLACE TWO BRIDGES & ONE CULVERT	WATSON HOLLOW (38.1947 N, 121.7014 W)	7 14 33	WETL	0.05		CREA 0.1	8/19/2005	CONDCERT	WDID 5A48CR00044. USACOE FILE: 200400877. COMP: 0.1 AC OF WETLAND CREDIT WILL BE PURCHASED. USED 250 CY OF FILL. TRBR. TRRD.
520.21	RECLAMATION DIST NO. 108	RD108 COMBINED PUMPING PLANT & FISH SCREEN PROJECT, COLUSA CO-REPLACE 3 UNSCREENED PUMPING PLANTS WITH ONE SCREENED PUMPING PLANT	SACRAMENTO R (38.9481 N, 121.8264 W)	IP	STRE	0.1			8/19/2005	CONDCERT	WDID 5A06CR00024. PROJECT IS PART OF CALFED ECOSYSTEM REST PROGRAM TO PROTECT SALMONID HABITAT. REST.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP	FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
<b>REGION 6T</b>											
635.20	UNION PACIFIC RR	UNION PACIFIC RR CULVERTS 213.67 & 221.91- ROSEVILLE SUBDIVISION, NEVADA CO.	TRUCKEE R						8/2/2005	STDCRT	WDID 6A290506002. TRRR.
630.30	PORTAL PRSV, LLC	WHITNEY PORTAL PRSV, INYO CO. CONSTRUCT RES DEV & CULVERT	LONE PINE CK		STRE 0.2				8/4/2005	STDCRT	WDID 6B140507003. TRRD. URBA.
6T	PG&E	PG&E CMPY MILE POST 148 GAS PIPELINE 300A INTEGRITY WORK PROJECT, SAN BERNARDINO CO.	MOJAVE R TRIB, UNNAMED		RIPA 0.04				8/12/2005	CONDCERT	WDID 6B360507002. UTIL.
<b>REGION 7</b>											
7	CALTRANS, DIST 11	RGP 63 FOR EMGCY SITUATIONS	MILPITAS WASH (33.25 N, 114.75 W)	RGP 63					8/2/2005	NOTIF	USACOE FILE: 995007000. 300 CY OF FILL WILL BE USED. CHSTBL.
<b>REGION 8</b>											
8	CENTEX HOMES	RES TRACT 31955. CONSTRUCT OUTFALL & RES DEV ON 77.5 AC	EPHERMERAL DRAINAGE & HAGADOR CHNL (33.8419 N, 117.6008 W)	39	CHNL 845			COMP 0.21	8/2/2005	STDCRT	USACOE FILE: 200401866. COMP: PURCHASE 0.21 AC MITI CREDIT FROM RIVERSIDE-CORONA RCD. OUTF. URBA.
8	PARDEE HOMES	TOURNAMENT HILLS RES DEV PROJECT. CONSTRUCT RES UNITS, PARKS, & ROAD	EPHEMERAL DRAINAGES, UNNAMED (33.7333 N, 117.025 W)	27 33 39	RIPA 1.52 CHNL 16854	RIPA 1.07 CHNL 3500		CREA 4	8/2/2005	CONDCERT	USACOE FILE: 200501180. COMP: CREA 4 AC S WILLOW SCRUB HABITAT. TRRD. URBA.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
8	TANAMERA HOMES	PROPOSED TRACT 30850 & REGIONAL STORM DRAIN OUTFALL. CONSTRUCT OUTFALLS & RES UNITS	PERRIS VAL STORM DRAIN (33.8101 N, 117.2036 W)	39	RIPA 0.07 STRE 0.86 CHNL 2704	STRE 0.82 CHNL 1120	COMP 0.08	8/11/2005	CONDCERT	USACOE FILE: 200500169. COMP: PURCHASE 0.08 AC MITI CREDIT FROM SANTA ANA WATERSHED ASSOCIATION. OUTF. URBA.
8	RIVERSIDE, CITY	HYDROMODIFICATION OF TEQUESQUITO ARROYO CHNL. CONSTRUCT 11 GABION CHECK DAMS & SEWER LINE	TEQUESQUITO ARROYO CHNL (33.9583 N, 117.375 W)	12	STRE 0.3 CHNL 922			8/12/2005	STDCRT	DAM. UTIL.
8	SEAL BEACH CITY, DPW	GROIN REPAIRS AT SEAL BEACH PIER	PACIFIC O (33.7319 N, 118.0861 W)	3 25	OCEA 0.005			8/15/2005	STDCRT	USACOE FILE: 200501733. BEACH.
8	THE IRVINE CMPY	PROPOSED PLANNING AREA 1, CITY OF IRVINE, ORANGE CO. RES DEV OF 4,206 SINGLE FAMILY HOMES, 33.3 AC OF PARKS, 15 AC OF RETAIL ON 1,796 AC SITE	EPHEMERAL DRAINAGES / WETLANDS, UNNAMED (33.7401 N, 117.7409 W)	39	WETL 2.54 STRE 6.11 CHNL 46575		REST 13.9	8/19/2005	CONDCERT	USACOE FILE: 200501057. COMP: REST 13.9 AC OF DEGRADED LAND TO RIPARIAN/WETLAND FUNCTION AT FOUR SITES . URBA.
8	NEWPORT HARBOR NAUTICAL MUSEUM	SEAFLOOR MODIFICATION & PIER EXTENSION, RIVERSIDE CO.	NEWPORT HARBOR (33.6167 N, 117.9 W)	19	OCEA 0.25			8/23/2005	STDCRT	MITI: REST TEMPORARY IMPACTS. BOAT.
8	BLUEWATER DESIGN GROUP	SEAFLOOR MOD & PIER EXTENSION AT NEWPORT HARBOR NAUTICAL MUSEUM	NEWPORT HARBOR (33.6157 N, 117.9036 W)	19	DRDG 0.025			8/23/2005	STDCRT	DREDGE 25 CY OF NEWPORT HARBOR. BOAT.
8	CDPR	CHINO HILLS STATE PARK ENTRANCE ROAD & FACILITIES, SAN BERNARDINO CO.	BANE CYN CK & EPHEMERAL TRIBS, UNNAMED (33.95 N, 117.71 W)	39	WETL 0.13 RIPA 0.17 STRE 0.04 CHNL 187		REST 0.9	8/24/2005	STDCRT	USACOE FILE: 200501609. COMP: 0.9 AC WETLANDS & RIPARIAN HABITAT WILL BE REST WITHIN PARK. TRRD.

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP	FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
8	KB HOME COASTAL, INC	MAY RANCH PHASE 6 RES DEV, ORANGE CO - CONST RES DEV, OUTFALLS ON 102 AC	SAN JACINTO, POOLS, WETLAND (33.825 N, 117.208 W)	IP	WETL 2.18 RIPA 0.27			COMP 2.97	8/24/2005	CONDCERT	USACOE FILE: 200300640. COMP: PURCHASE 2.97 AC MITI CREDIT FROM SAWPA. URBA.
8	CALTRANS, DIST 12	INTERSTATE 5 FAR N PROJECT, ORANGE CO - WIDEN SR5	FULLERTON CK (33.858 N, 117.983 W)	14 33	STRE 0.44 CHNL 285				8/29/2005	CONDCERT	COMP: WILL BE PART OF LATER CERT. TRRD.
8	SAN BERNARDINO ASSOCIATED GOVERNMENT S	STATE STREET STORM DRAIN, SAN BERNARDINO CO.	LYTLE CK (34.0116 N, 117.3333 W)	43	STRE 0.07			REST 2.6 PRSV 5	8/29/2005	CONDCERT	COMP: REST 2.6 AC OF WASH. PRSV 5 AC OF OCCUPIED HABITAT AT CAJON CK. CHFC.

## REGION 9

902.33	MURRIETA FIRE DEPT, CITY	MURRIETA FIRE STATION 4	WARM SPRINGS CK TRIB, UNNAMED (33.6125 N, 117.1661 W)	39	STRE 0.073 CHNL 1820			CREA 0.084	8/9/2005	CONDCERT WDRWV	USACOE FILE: 9000001339. COMP: CREA 0.084 AC STREAMBED. URBA.
9	RANCHO BELLA VISTA, LLC	RANCHO BELLA VISTA RES DEV. CONSTRUCT RES UNITS, PARK, BRIDGE CROSSING	TUCALOTA CK TRIBS, UNNAMED	IP	WETL 0.05 STRE 0.07 CHNL 1237			CREA 0.24	8/23/2005	CONDCERT	COMP: CREA 0.24 AC RIPARIAN HABITAT. TRBR. URBA.
909.23	SAN DIEGO CO, DPW	COLLIER WAY BRIDGE REPLACEMENT PROJECT, SAN DIEGO CO.	HARBISON CYN CK (32.8583 N, 116.6136 W)		WETL 0.15	WETL 0.07		CREA 0.24	8/24/2005	CONDCERT WDRWV	COMP: PURCHASE 0.08 AC CREDIT AT RANCHO JAMUL MITIB & 0.16 AC AT SWEETWATER MITIB. MITI: REST TEMP IMPACTS. TRBR.
901.30	DANA POINT, CITY	CAPISTRANO BEACH STORM DRAIN PHASE II MAINTENANCE PROJECT, ORANGE CO.	PACIFIC O	IP	OCEA 0.05	OCEA 0.05			8/29/2005	CONDCERT WDRWV	CHFC.



HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
9	TEMPLE ADAT SHALOM	TEMPLE ADAT SHALOM EXPANSI, SAN DIEGO CO.	WETLAND, UNAMED	39	WETL 0.05			8/30/200 5	STDCRT	INLIEU: PAY \$1,000 TO MISSION RCD. URBA.

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## NON 401 ACTIONS

HYDRO UNIT	APPLICANT	PROJECT DESCRIPTION	RECEIVING WATER	PMT TYPE	DISCHARGE	TEMP FILL	COMP MITIG	ACTION DATE	ACTION TYPE	NOTE
<b>REGION 2</b>										
2	HAZEL ENVIRONMEN TAL, LLC		WATER, UNNAMED					8/9/2005		USACOE FILE: 27637N. SPN DISCLAIMER 8/9/05: THERE ARE SOME WETLAND AREAS AT THE PROPOSED HAZEL WETLAND MITB THAT WILL INVOLVE DISCHARGE OF FILL MATERIALS TO REGULATED WATERS OF US.

## ACTION TABLES

**EXPLANATION OF COLUMNS**

<b>Column</b>	<b>Explanation</b>
HYDRO UNIT	Hydrologic unit or RWQCB office jurisdiction in which discharge is located.
APPLICANT	Project applicant.
PROJECT DESCRIPTION	Brief description of the project.
RECEIVING WATER	Name of the waterbody receiving the discharge. Latitude and longitude coordinates of the discharge.
PMT TYPE	U.S. Army Corps of Engineers permit authorizing the discharge: 1, 2, 3 ... 37        -    Nationwide General Permits IP                       -    Individual Permit SFR23081, etc.       -    Regional General Permits RHA                    -    Rivers and Harbors Act §10 Permit
DISCHARGE	Type of discharge. Fill is characterized by type of receiving water (see codes below) and total area in acres. Dredge is characterized by volume in cubic yards x 1000. In addition, shoreline and channel impacts are described in linear feet.  LAKE        -    Lake Fill                                OCEA       -    Ocean Fill STRE        -    Streambed Fill                            DRDG       -    Dredge RIPA        -    Riparian Fill                            SHORE      -    Shoreline Fill WETL       -    Wetland Fill                                CHNL       -    Channel Fill
TEMP FILL	Acres and linear feet of temporary fill (also included in previous column); same waterbody conventions as previous column.
COMP MITIG ACRES .	Type and acreage of compensatory mitigation  CREAT       -    Acres created                        RESTO      -    Acres restored PRSV        -    Acres preserved                        COMP       -    Acres not otherwise specified
ACTION DATE	Date of action correspondence.
401 ACTION	Action taken by the RWQCB or SWRCB:  WDR                       -    Waste Discharge Requirements (WDRs) issued WDRWV                  -    WDRs waived unconditionally WDRCNDWV            -    WDRs waived conditionally WV                        -    401 Wvr: no WDR action (used prior to 6/24/ 2000) CERT                    -    Certification issued unconditionally (used prior to 6/24/ 2000) STDCERT                -    Standard Certification issued (used after 6/24/2000) CONDCERT              -    Certification issued conditionally DENIED                 -    Certification denied NOTIF                  -    Notification received ENF                     -    Enforcement action taken

NOTE	<p>Additional information. Some common conventions are:</p> <p>LF - Linear feet of impact</p> <p>MITI - Information on non-compensatory mitigation</p> <p>MULT - Further listing of multiple receiving waters</p> <p>WVR/CERTMOD - Modification of previous action</p>
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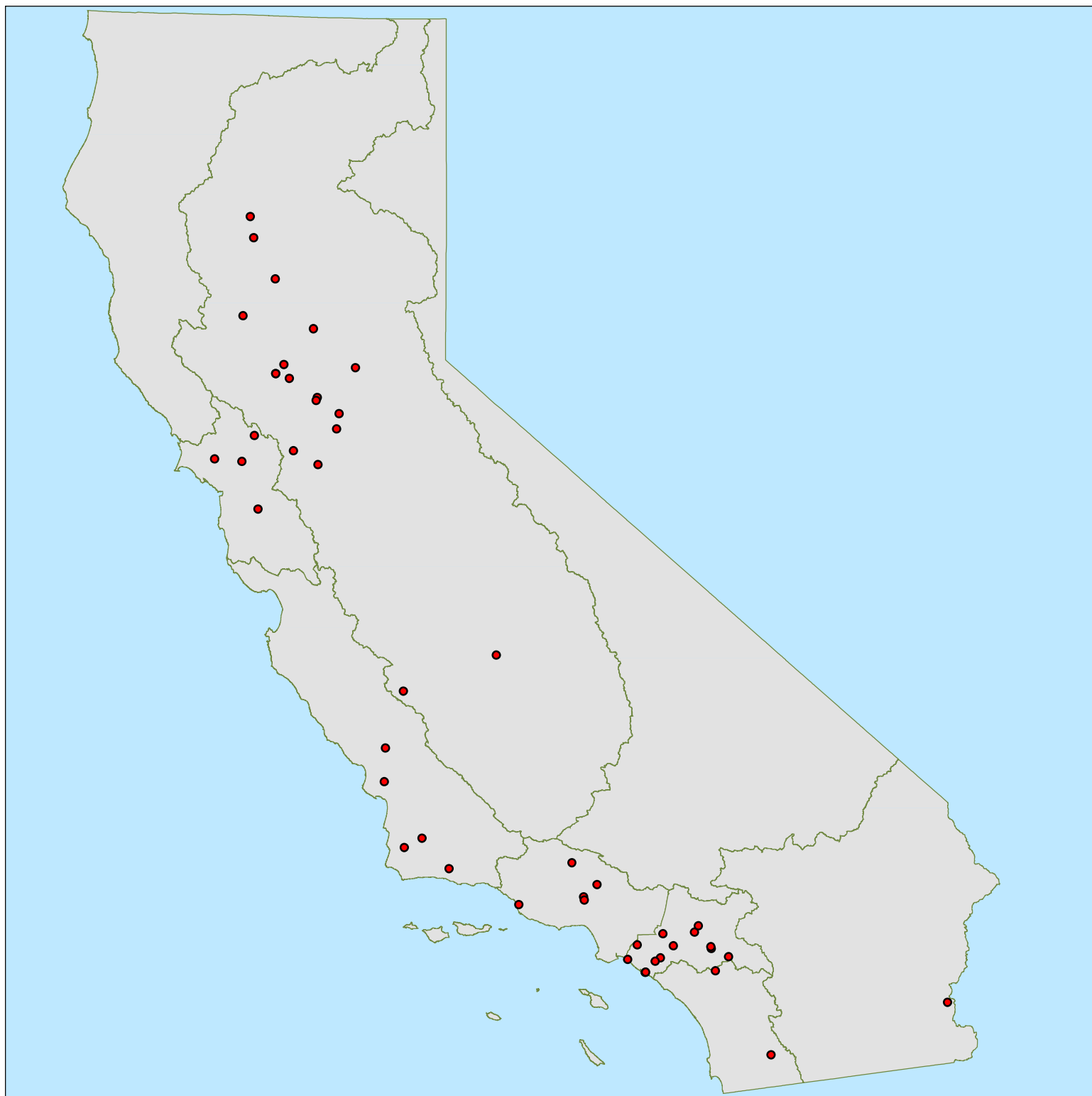
Column	Explanation
NOTE	Project Catagories.
	<p>AG - Agriculture</p> <p>BEACH - Beach Enrichment</p> <p>BOAT - Boating and Navigation</p> <p>CHFC - Channel Modification -Flood Management</p> <p>CHSTBL - Channel Modification -Bank Stabilization</p> <p>CONST - Construction Activities</p> <p>DAMS - Dams</p> <p>DATA - Data Collection</p> <p>DIV - Diversion Structures</p> <p>GOLF - Golf Course</p> <p>HYDRO - Hydroelectric Facility</p> <p>MINE - Mineral Extraction</p> <p>MITI - Regulatory-Required Mitigation Activity</p> <p>OTHER - Other</p> <p>OUTF - Outfall Structure</p> <p>RECR - Recreational Facilities</p> <p>REST - Restoration</p> <p>TRAER - Transportation - Aeronautics</p> <p>TRBR - Transportation - Bridges and Crossings</p> <p>TRRD - Transportation - Roads and Highways</p> <p>TRRR - Transportation - Railroads</p> <p>UNK - Unknown</p> <p>URBA - Urban Development</p> <p>UTIL - Utility</p>

For further information refer to the 401Database Documentation Manual



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## 401 DISCHARGE LOCATIONS



This map displays locations of those discharges certified during this reporting period that include latitude/longitude coordinates. Certifications that include hydrologic unit discharge locations are not displayed on this map, but are noted in Attachment 2A of the monthly report.

Certifications issued during the reporting period:	91
Certifications specifying latitude/longitude coordinates:	47
Latitude/longitude coordinates in California and plotted on this map:	47

## CWA Section 401 Water Quality Certification Program

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**FILL AND DREDGE TOTALS (KNOWN)** <sup>1</sup>

Region	No. of Projects	Pct. <sup>2,3</sup> Records With Ac/ CY Data	Pct. <sup>3,4</sup> Complete Records	Wetland Fill Acres	Riparian Fill Acres	Streambd Fill Acres	Lake Fill Acres	Ocean Fill Acres	Temp Fill <sup>5</sup> Acres	Total Fill Acres	Comp Mitig <sup>6</sup> Acres	Dredge CY x1000
1	7	100	100	0.701	0.074	1.696	0	0	0.830	2.471	3.212	0
2	13	92	62	0.057	0.369	0.430	0	0.010	0.002	0.866	0.230	289.30
3	8	75	63	0.816	1.019	0.221	0	0	1.283	2.056	1.522	260.00
4	9	100	100	0.145	0	18.348	0.900	0	18.248	19.393	40.890	0
5F	3	100	67	0	0	0.223	0	0	0	0.223	0	0
5R	17	100	94	14.444	0.177	0.335	0.380	0	13.636	15.336	4.183	1.00
5S	12	92	67	1904.340	202.050	0.117	0.006	0	449.340	2106.513	0.200	0
6T	3	67	0	0	0.040	0.200	0	0	0	0.240	0	0
6V	0	-	-	0	0	0	0	0	0	0	0	0
7	1	#Num!	#Num!	0	0	0	0	0	0	0	0	0
8	13	92	77	4.850	2.030	9.030	0	0.255	3.100	16.165	29.660	0.03
9	5	100	100	0.250	0	0.143	0	0.050	0.120	0.443	0.564	0
SB	0	-	-	0	0	0	0	0	0	0	0	0
<b>Total</b>	91	93	78	1925.603	205.759	30.743	1.286	0.315	486.559	2163.706	80.461	550.33

1. Due to incomplete reporting, actual filled area and dredge volume may be larger; see "Percent Records with Ac/CY Data" column. "Fill" includes permanent fill, temporary construction disturbance ("Temp Fill" column), and excavation. Columns do not include acreage/CY figures for denied projects.

2. "Pct. Records With Ac/CY Data" is the percent of RWQCB 401 actions, which specify a fill acreage or dredge volume. "Percent Records With Ac/CY Data" does not include Notifications submitted directly to the SWRCB.

3. With large data sets, rounding errors may cause apparent discrepancies between (1) the sum of the number of records calculated by applying the displayed percentages to the "No. of Projects" for each region and (2) the displayed column total.

4. "Percent Complete Records" is the percent of 401 actions, which include information, specified in SWRCB guidance: (1) receiving water name, (2) applicant name, (3) receiving water category (wetland, riparian, streambed, lake, or ocean), (4) fill acres (permanent and temporary) or dredge volume, and (5) type and acreage of compensatory mitigation. Actions on general permits are noted as "complete" even if they lack specific water body or acre/CY data.

5. "Temp Fill Acres" is the sum of filled acres on which impacts have been determined to be temporary; they are also included in columns to the left and in "Total Fill Acres".

6. "Comp Mitig Acres" are acres created, restored or preserved as mitigation for fill projects; they are not included in "Total Fill Acres". Mitigation is not necessarily in-kind.